

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1-18. (Cancelled)

19. (Currently Amended) A method of driving a liquid crystal display (LCD) device, comprising:

detecting a reference gray scale level of a B color to begin reducing a color reproducibility in the LCD device by measuring the B color displayed on a liquid crystal panel of the LCD device while the gray scale level of the B color is increased;

storing a gray scale value of a gray scale level of the B color being present right before the reference gray scale level in a lookup table from the reference gray scale level to a maximum gray scale level;

receiving image information including a gray scale value corresponding to a red(R), green(G), blue(B) color by the LCD device;

determining whether the gray scale level of the B color is greater than the reference gray scale level to begin reducing the color reproducibility in the LCD device;

applying the received image information to the LCD device upon a determination that the gray scale level of the B color is not greater than the reference gray scale level;

compensating the received image information by analyzing a gray scale level of the B color in the received image information, and replacing a gray scale value of the gray scale level of the B color in the received image information with the gray scale value of a gray scale level being present right before the reference gray scale level retrieved from the lookup table in response to a determination that the gray scale level of the B color in the received image

information is greater than the reference gray scale level, wherein the compensating includes mixing gray scale values of at least two of red, green, and blue colors;

outputting a received image information including a compensated gray scale value of the gray scale level of the B color; and

applying the compensated image information to a plurality of data lines of the LCD device.

20 -22. (Canceled)

23. (Cancelled)